

**GOVERNMENT OF TELANGANA  
ABSTRACT**

Energy Department - CEIG- Adoption of the guidelines of Central Electricity Authority (CEA) for authorising the Chartered Electrical Safety Engineer (CESE) with procedural modification in the State of Telangana – Notification Orders – Issued.

=====

ENERGY (HR.A1) DEPARTMENT

**G.O.Ms.No. 17**

**Dated: 31-10-2019**

Read the following:

1. From the GoI, Ministry of Power, The Chief Engineer, Chief Electrical Inspectorate Division, New Delhi Lr.No.1/2/2018/891, Dt:21.06.2018.
2. G.O.Ms No. 12, Energy (Budget.A2) Dept., date: 06.05.2016.
3. Letter received from CEIG, No. CEIG/TS/D.No.510/19, Dt:12.03.2019.

&&&

**ORDER:**

In the reference 1<sup>st</sup> read above, the Government of India, in accordance with the Regulation 5A of Central Electricity Authority (Measures relating to Safety and Electric Supply) Amendment Regulations, 2018, has introduced Self certification of the electrical installation by the owner or Chartered Electrical Safety Engineer (CESE) up to the notified voltage.

2. In the reference 2<sup>nd</sup> read above, the Government of Telangana have notified voltage up to 650V for self-certification.

3. In the circumstances reported by the Chief Electrical Inspector in the reference 3<sup>rd</sup> read above, the Government after careful examination of the matter, hereby adopt guidelines of Central Electricity Authority for the State of Telangana for authorising the Chartered Electrical Safety Engineer (CESE) with procedural modifications and decided to issue the following Notification to that effect.

4. Accordingly, the following Notification shall be published in the extraordinary issue of Telangana Gazette.

**NOTIFICATION**

The guidelines issued by the Government of India in accordance with the Regulation 5A of Central Electricity Authority (Measures relating to Safety and Electric Supply) Amendment Regulations, 2018, on Self certification of the electrical installation by the owner or Chartered Electrical Safety Engineer (CESE) up to 650 V are hereby adopted with procedural modifications for the State of Telangana.

Modified guidelines are appended to this order.

(P.T.O)

::2::

The Chief Electrical Inspector to Government of Telangana, Hyderabad shall take further action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF TELANGANA)

**AJAY MISRA**  
**SPECIAL CHIEF SECRETARY TO GOVERNMENT**

To,  
The Director of Printing, Stationery & Stores Purchase Department,  
Hyderabad is directed to publish the matter in an extra ordinary issue of the Telangana Gazette and supply '100' copies.

The Chief Electrical Inspector to Govt. of Telangana, Hyderabad.

**Copy to:**

The P.A. to Special Chief Secretary to Government, Energy Dept.,  
The Commissioner of I & PR, Telangana. Hyderabad. (With a request to give wide publicity in leading newspapers).  
SF/SC. (C.No.738/HR.A1/2018)

//FORWARDED::BY ORDER//

SECTION OFFICER

**MODIFIED GUIDELINES FOR AUTHORIZING THE CHARTERED  
ELECTRICAL SAFETY ENGINEER FOR ADAPATATION IN THE STATE OF  
TELANGANA**

In accordance with the Regulation 5A of CEA (Measures relating to Safety and Electric Supply) Amendment Regulations, 2018, the Central Government has introduced Self certification of the electrical installation by the owner or Chartered Electrical Safety Engineer (CESE) upto the notified voltage. Government of Telangana State hereby adopt the guidelines for authorizing the Chartered Electrical Safety Engineer. The Government of Telangana have notified voltage upto 650V for self-certification in G.O.Ms No. 12 dated 06/05/2016.

In pursuance to the guidelines in item 3(b), 3(d) and 8(c) issued for authorizing the Chartered Electrical Safety Engineer by Central Electricity Authority, the state government hereby issue the following guidelines in the state of Telangana, for authorizing the Chartered Electrical Safety Engineer upto 650V.

**1. Short title and Commencement.-** (1) These guidelines may be called the "Guidelines for authorizing of the Chartered Electrical Safety Engineers (CESE)" under regulation 5A of Central Electricity Authority (Measures relating to Safety and Electric Supply) Amendment Regulations, 2018.

(2) They shall come into force on the date of their official issuance by the Government of Telangana by a notification.

**2. Definitions:** (1) In these guidelines, unless the context otherwise requires,

- (a) "Chartered Electrical Safety Engineer" means a person authorised by the Appropriate Government as referred to in CEA safety regulation 5A;
- (b) "Notified Voltage" means a voltage notified by the appropriate Government under intimation to the Authority for the purpose of specifying the voltage level upto which self-certification is to be carried out under CEA safety regulation 30 and regulation 43;
- (c) Words and expressions used and not defined in these guideline but defined in the Electricity Act, 2003 and CEA (Measures relating to Safety and Electric Supply) Regulations, 2010 (as amended) shall have the meanings respectively assigned to them in the Electricity Act, 2003 and CEA (Measures relating to Safety and Electric Supply) Regulations, 2010 (as amended).

**3. Qualification of Chartered Electrical Safety Engineer:**

- (a) The Chartered Electrical Safety Engineer shall be an Electrical Engineering degree holder or equivalent degree with at least five years experience in the operation and maintenance of electrical installations and also should have the knowledge of the works related to observance of electrical safety regulations or an Electrical Engineering Diploma holder with at least 10 years of experience in operation and maintenance of electrical installations and also should have the knowledge of the works related to observance of electrical safety regulations.

(b) The procedure for conducting interview/test for the Chartered Electrical Safety Engineer is as follows:

- i. A committee to be constituted for conducting test/interview to qualify CESE. The committee will be headed by Chief Electrical Inspector as Chairman and other members are Deputy Chief Electrical Inspector, Hyderabad, Electrical Inspector, Hyderabad, Electrical Inspector, Nizamabad and Chief Accounts and Audit Officer of Office of Chief Electrical Inspector to Government. The quorum for conducting the interview will be minimum 3 members.
  - ii. He/ She shall qualify the interview conducted by Telangana Electrical Inspectorate Department, after paying the application fee of Rs. 1500/-.
  - iii. Application format for applicants for attending the interview is given in Annexure-I
  - iv. Syllabus for the interview shall be as per CEA guidelines (which is to be issued by CEA)
  - v. Preference will be given to the persons who are holding competency certificate issued by Telangana Electrical Licensing Board.
  - vi. Applications for attending CESE interview shall be submitted to Electrical Inspector, Hyderabad for pre-scrutiny of applications.
  - vii. Chief Electrical Inspector will issue authorization certificate of CESE to those who have qualified in interview under the recommendation of committee
  - viii. A person, who holds Grade 'A' or Grade 'B' license issued by Telangana State Electrical Licensing Board, are not eligible to apply for CESE.
  - ix. A person who is resident/having registered office in the state of Telangana are eligible to apply.
- (c) He/ She shall have the knowledge of Central Electricity Authority (Measures relating to Safety and Electric Supply), Regulations, 2010 (as amended) and other relevant Act and Regulations related to electricity supply in the respective State Government.
- (d) Retired Chief Electrical Inspector/ Electrical Inspector who were already notified by State Government are eligible for CESE and they will be exempted from attending the interview, after paying the application fee of Rs. 1500/-.
- (e) The Chartered Electrical Safety Engineers shall not hold any post in Govt./Semi Govt./PSUs or associated with any organizations which directly or indirectly influence the working of CESE.
- (f) He/ She shall for all the time in his possession have the basic testing equipments (some basic testing equipment given in Annexure –II) as may be prescribed by the office of the Chief Electrical Inspector/ Electrical Inspector for testing of the electrical Installations.

#### **4. Scope of work:**

The Chartered Electrical Safety Engineers shall assist the owner or supplier or consumer of electrical installations for the purpose of self-certification upto the level of notified voltage under regulation 30 and regulation 43 of Central Electricity Authority (Measures relating to Safety and Electric Supply), Regulations, 2010 (as amended), provided those installations are not be covered under section 54 of Electricity Act, 2003

#### **5. Duties & Responsibilities of Chartered Electrical Safety Engineer:**

1. He/ She shall carry out recommended tests as per the relevant Regulation and Standards.
2. He/ She shall test electrical installations & keep a record thereof in Form-I/ Form-II of Central Electricity Authority (Measures relating to Safety and Electric Supply), Regulation, 2010 (as amended), as the case may be and submit the same along with photographs/ Video of the apparatus tested to the respective office of the Chief Electrical Inspector (CEI)/ Electrical Inspector (EI) within seven working days from the date of testing and will produce the same at the time of renewal.
3. The Owner shall carry out the recommendations given by the CESE in his report, within the time prescribed in the report. In case the owner fails to rectify the shortcomings as identified by the CESE even after the prescribed period, the CESE shall inform the same to the office of the Chief Electrical Inspector/ Electrical Inspector within a period of 15 days from the expire of the time prescribed in the report of rectification. Such records shall be made available to the office of the Chief Electrical Inspector / Electrical Inspector by the owner/ CESE, as and when required.
4. If, on inspection of installation of the owner or supplier or consumer, as the case may be, the CESE is satisfied that the installation is likely to be dangerous for the use of electricity, he/ she shall bring the same to the notice to the owner and the office of Chief Electrical Inspector (CEI)/ Electrical Inspector within the period of 48 hours from the date of testing. The CEI/ EI on receipt of such notice should take immediate action as per CEA safety regulation 31.

#### **6. Fees and levy charges of CESE:-**

- (a) Testing of electrical installation in a single premise up to notified voltage under CEA Safety Regulation 43 is Rs. 5000/-
- (b) Periodic Testing of electrical installation in a single premise up to notified voltage under CEA Safety Regulation 30 is Rs. 3000/-

Fees to be levied by the CESE from the utilities shall be received in the modes other than cash.

#### **7. Accessibility of CESE to the Consumers:**

The Appropriate Government shall upload the name of the authorized Chartered Electrical Engineer, within 15 days, on the web portal of the Government or Department dealing with matters of inspection of electrical installations for the information of the owner, supplier and consumer.

## **8. Others term and condition:**

- (a) It shall be the responsibility of owner of the installation to maintain & operate the installation in a condition free from danger and as recommended by the manufacturer/ CEI/ EI/ CESE or by the relevant codes of practice of the "Bureau of Indian Standards."
- (b) The authorization of a Chartered Electrical Safety Engineers shall be liable to be suspended or cancelled by the Chief Electrical Inspector/ Electrical Inspector, if he/ she is found to be indulging in wilful negligence, malpractices, misuse or any other activities affecting directly and in-directly the safety of electrical installation. However, no such authorization shall be suspended/ cancelled unless an opportunity of being heard is given to the concerned CESE.
- (c) The authorization of Chartered Electrical Safety Engineer will be issued to any person initially for the period of three years at the time of registration and will be renewed for further period of two years by the office of the CEI/ EI based on the performances of CESE by collecting fee of Rs. 1000/-. However, the authorization will cease automatically on his/her attaining the age of 65 years. There shall be only one time fees of Rs. 10000/- for the registration as CESE. The applicant shall submit self-attested xerox copies of technical qualification and experience certificates.
- (d) Any electrical installation which have been checked/ tested by the CESE could be inspected/ revisited by the CEI/ EI in case he/ she is not satisfied with the check/ testing carried out by CESE.
- (e) The testing equipment used by the CESE shall be calibrated at any NABL accredited laboratory at least once in every two years.

**AJAY MISRA**  
**SPECIAL CHIEF SECRETARY TO GOVERNMENT**

**Annexure-I**

GOVERNMENT OF TELANGANA  
ELECTRICAL INSPECTORATE DEPARTMENT

Application for authorizing the Chartered Electrical Safety Engineer



- 1. Full Name of the applicant :  
(In Block Letters)
- 2. Father’s Name :
- 3. Date of Birth and Age :
- 4. Present Address :  
( Local address proof to be enclosed)
- 5. Permanent Address :
  
- 6. Details of Technical Education :
- 7. Details of past and present :  
service( Experience certificates shall be enclosed)
  
- 8. Total Experience :
- 9. Supervisor permit No. :  
Date of issue :  
Voltage Level :
- 10.Amount of fee remitted  
Challan No. :  
Date :  
Treasury :  
Amount Rs. :

Signature of Candidate

**AJAY MISRA**  
**SPECIAL CHIEF SECRETARY TO GOVERNMENT**

**Annexure-II**  
**Basic testing equipment**

- 1. Voltmeter:** use to measure the potential difference occurs any equipment/electrical apparatus
- 2. Ammeter:** an instrument for measuring electrical current in amperes
- 3. Multimeter:** A multimeter can measure voltage, current, and resistance
- 4. Megger/ Earth Insulation Tester:** an instrument for measuring the resistance of electrical insulation.
- 5. Line tester.**
- 6. Tong-tester:** An electrical meter with integral AC current clamp is known as a clamp meter, clamp-on ammeter or tong tester
- 7. Safety Helmet:** It should be available as per Indian standard (IS:2925)
- 8. Safety belt:** It should be available as per Indian standard (IS:2521)
- 9. Safety Shoes:** It should be available as per Indian standard
- 10. Safety Gloves:** It should be available as per Indian standard
- 11. Other necessary testing kits:** as suggested by the office of the CEI/EI

**AJAY MISRA**  
**SPECIAL CHIEF SECRETARY TO GOVERNMENT**